

[illegible]

[c2]

(4) a base transceiver connected to said base timing / framing circuit, wherein said base transceiver provides a signal to said extension unit.

[c3]

2. A system for synchronization of the digital transmission of analog modem signals, as recited in claim 1, wherein said base transceiver is an A/C Power Line Carrier transceiver.

[c4]

3.A system for synchronization of the digital transmission of analog modem signals, as recited in claim 1, wherein said base transceiver is an RF transceiver.

[c5]

4. A system for synchronization of the digital transmission of analog modem signals, as recited in claim 1, wherein said base transceiver receives a signal from said extension unit.

[c6]

5.A system for synchronization of the digital transmission of analog modem signals, as recited in claim 1, further comprising a base formatting circuit in connected to said base transceiver.



12.A system for synchronization of the digital transmission of analog modem signals as recited in claim 7, further comprising an extension Digital to Analog converter connected to said extension formatting circuit.

[c13]

13.A method of synchronizing the digital transmission of analog modem signals, comprising:

(A)generating a recreation clock signal from a received start bit of an asynchronous transmission;

(B)detecting said received start bit;

(C)receiving said start bit and a digital data signal serially from a transmission medium;

(D)converting said received digital data signal to an analog format; and

(E)transmitting a second digital data signal via a return path.

[c14]

14.A method of synchronizing the digital transmission of analog modem signals, as recited in claim 13, wherein said transmission medium is an A/C power line.

[c15]

15.A method of synchronizing the digital transmission of analog modem signals, as recited in claim 13, wherein said transmission medium is an over the air RF signal.